

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/876,813A
Source: 1FW16
Date Processed by STIC: 12/27/04

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 12/27/2004

PATENT APPLICATION: US/09/876,813A

TIME: 12:20:58

Input Set : A:\99-19D1 SEQ.txt

Output Set: N:\CRF4\12272004\I876813A.raw

4 <110> APPLICANT: Gilbert, Teresa
 5 Hart, Charles E.
 6 Sheppard, Paul O.
 7 Gilbertson, Debra G.
 9 <120> TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF4
 11 <130> FILE REFERENCE: 99-19
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/876,813A
 C--> 13 <141> CURRENT FILING DATE: 2001-06-06
 13 <150> PRIOR APPLICATION NUMBER: US 60/132,250
 14 <151> PRIOR FILING DATE: 1999-05-03
 16 <150> PRIOR APPLICATION NUMBER: US 60/164,463
 17 <151> PRIOR FILING DATE: 1999-11-10
 19 <150> PRIOR APPLICATION NUMBER: US 60/180,169
 20 <151> PRIOR FILING DATE: 2000-02-04
 22 <160> NUMBER OF SEQ ID NOS: 53
 24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 1882
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: CDS
 33 <222> LOCATION: (226)...(1338)
 35 <400> SEQUENCE: 1
 36 ccgtcaccat ttatcagctc agcaccacaa ggaagtgcgg caccacacag cgctcggaaa 60
 37 gttcagcatg caggaagttt ggggagagct cggcgattag cacagcgacc cgggccagcg 120
 38 cagggcgagc gcaggcggcg agagcgcagg gcggcgcggc gtcgggtcccg ggagcagaac 180
 39 ccggcttttt cttggagcga cgctgtctct agtcgctgat cccaa atg cac cgg ctc 237
 40 Met His Arg Leu
 41
 44 atc ttt gtc tac act cta atc tgc gca aac ttt tgc agc tgt cgg gac 285
 45 Ile Phe Val Tyr Thr Leu Ile Cys Ala Asn Phe Cys Ser Cys Arg Asp
 46 5 10 15 20
 48 act tct gca acc ccg cag agc gca tcc atc aaa gct ttg cgc aac gcc 333
 49 Thr Ser Ala Thr Pro Gln Ser Ala Ser Ile Lys Ala Leu Arg Asn Ala
 50 25 30 35
 52 aac ctc agg cga gat gag agc aat cac ctc aca gac ttg tac cga aga 381
 53 Asn Leu Arg Arg Asp Glu Ser Asn His Leu Thr Asp Leu Tyr Arg Arg
 54 40 45 50
 56 gat gag acc atc cag gtg aaa gga aac ggc tac gtg cag agt cct aga 429
 57 Asp Glu Thr Ile Gln Val Lys Gly Asn Gly Tyr Val Gln Ser Pro Arg
 58 55 60 65
 60 ttc ccg aac agc tac ccc agg aac ctg ctc ctg aca tgg cgg ctt cac 477

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61	Phe	Pro	Asn	Ser	Tyr	Pro	Arg	Asn	Leu	Leu	Leu	Thr	Trp	Arg	Leu	His	
62		70					75					80					
64	tct	cag	gag	aat	aca	cgg	ata	cag	cta	gtg	ttt	gac	aat	cag	ttt	gga	525
65	Ser	Gln	Glu	Asn	Thr	Arg	Ile	Gln	Leu	Val	Phe	Asp	Asn	Gln	Phe	Gly	
66		85					90				95				100		
68	tta	gag	gaa	gca	gaa	aat	gat	atc	tgt	agg	tat	gat	ttt	gtg	gaa	gtt	573
69	Leu	Glu	Glu	Ala	Glu	Asn	Asp	Ile	Cys	Arg	Tyr	Asp	Phe	Val	Glu	Val	
70					105				110					115			
72	gaa	gat	ata	tcc	gaa	acc	agt	acc	att	att	aga	gga	cga	tgg	tgt	gga	621
73	Glu	Asp	Ile	Ser	Glu	Thr	Ser	Thr	Ile	Ile	Arg	Gly	Arg	Trp	Cys	Gly	
74				120					125				130				
76	cac	aag	gaa	gtt	cct	cca	agg	ata	aaa	tca	aga	acg	aac	caa	att	aaa	669
77	His	Lys	Glu	Val	Pro	Pro	Arg	Ile	Lys	Ser	Arg	Thr	Asn	Gln	Ile	Lys	
78			135				140				145						
80	atc	aca	ttc	aag	tcc	gat	gac	tac	ttt	gtg	gct	aaa	cct	gga	ttc	aag	717
81	Ile	Thr	Phe	Lys	Ser	Asp	Asp	Tyr	Phe	Val	Ala	Lys	Pro	Gly	Phe	Lys	
82		150				155			160								
84	att	tat	tat	tct	ttg	ctg	gaa	gat	ttc	caa	ccc	gca	gca	gct	tca	gag	765
85	Ile	Tyr	Tyr	Ser	Leu	Leu	Glu	Asp	Phe	Gln	Pro	Ala	Ala	Ala	Ser	Glu	
86		165			170				175					180			
88	acc	aac	tgg	gaa	tct	gtc	aca	agc	tct	att	tca	ggg	gta	tcc	tat	aac	813
89	Thr	Asn	Trp	Glu	Ser	Val	Thr	Ser	Ser	Ile	Ser	Gly	Val	Ser	Tyr	Asn	
90			185				190				195						
92	tct	cca	tca	gta	acg	gat	ccc	act	ctg	att	gcg	gat	gct	ctg	gac	aaa	861
93	Ser	Pro	Ser	Val	Thr	Asp	Pro	Thr	Leu	Ile	Ala	Asp	Ala	Leu	Asp	Lys	
94			200				205				210						
96	aaa	att	gca	gaa	ttt	gat	aca	gtg	gaa	gat	ctg	ctc	aag	tac	ttc	aat	909
97	Lys	Ile	Ala	Glu	Phe	Asp	Thr	Val	Glu	Asp	Leu	Leu	Lys	Tyr	Phe	Asn	
98		215				220			225								
100	cca	gag	tca	tgg	caa	gaa	gat	ctt	gag	aat	atg	tat	ctg	gac	acc	cct	957
101	Pro	Glu	Ser	Trp	Gln	Glu	Asp	Leu	Glu	Asn	Met	Tyr	Leu	Asp	Thr	Pro	
102		230					235				240						
104	cgg	tat	cga	ggc	agg	tca	tac	cat	gac	cgg	aag	tca	aaa	gtt	gac	ctg	1005
105	Arg	Tyr	Arg	Gly	Arg	Ser	Tyr	His	Asp	Arg	Lys	Ser	Lys	Val	Asp	Leu	
106		245			250				255					260			
108	gat	agg	ctc	aat	gat	gat	gcc	aag	cgt	tac	agt	tgc	act	ccc	agg	aat	1053
109	Asp	Arg	Leu	Asn	Asp	Asp	Ala	Lys	Arg	Tyr	Ser	Cys	Thr	Pro	Arg	Asn	
110			265				270				275						
112	tac	tcg	gtc	aat	ata	aga	gaa	gag	ctg	aag	ttg	gcc	aat	gtg	gtc	ttc	1101
113	Tyr	Ser	Val	Asn	Ile	Arg	Glu	Glu	Leu	Lys	Leu	Ala	Asn	Val	Val	Phe	
114			280				285				290						
116	ttt	cca	cgt	tgc	ctc	ctc	gtg	cag	cgc	tgt	gga	gga	aat	tgt	ggc	tgt	1149
117	Phe	Pro	Arg	Cys	Leu	Leu	Val	Gln	Arg	Cys	Gly	Gly	Asn	Cys	Gly	Cys	
118			295				300				305						
120	gga	act	gtc	aac	tgg	agg	tcc	tgc	aca	tgc	aat	tca	ggg	aaa	acc	gtg	1197
121	Gly	Thr	Val	Asn	Trp	Arg	Ser	Cys	Thr	Cys	Asn	Ser	Gly	Lys	Thr	Val	
122		310					315				320						
124	aaa	aag	tat	cat	gag	gta	tta	cag	ttt	gag	cct	ggc	cac	atc	aag	agg	1245
125	Lys	Lys	Tyr	His	Glu	Val	Leu	Gln	Phe	Glu	Pro	Gly	His	Ile	Lys	Arg	

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```

126 325          330          335          340
128 agg ggt aga gct aag acc atg gct cta gtt gac atc cag ttg gat cac 1293
129 Arg Gly Arg Ala Lys Thr Met Ala Leu Val Asp Ile Gln Leu Asp His
130          345          350          355
132 cat gaa cga tgc gat tgt atc tgc agc tca aga cca cct cga taa 1338
133 His Glu Arg Cys Asp Cys Ile Cys Ser Ser Arg Pro Pro Arg *
134          360          365          370
136 gagaatgtgc acatccttac attaagcctg aaagaacctt tagtttaagg aggggtgagat 1398
137 aagagaccct tttcctacca gcaaccaaac ttactactag cctgcaatgc aatgaacaca 1458
138 agtgggttgc gagtctcagc cttgctttgt taatgccatg gcaagtagaa aggtatatca 1518
139 tcaacttcta tacctaagaa tataggattg catttaataa tagtgtttga gggtatatat 1578
140 gcacaaacac acacagaaat atattcatgt ctatgtgtat atagatcaaa tgtttttttt 1638
141 ttttggtata tataaccagg tacaccagag gttacatatg tttgagttag actcttaaaa 1698
142 tcctttgccaa aaataagggga tgggtcaaata tatgaaacat gtcttttagaa aatttaggag 1758
143 ataaatttat ttttaaatat tgaaacacga aacaattttg aatcttgctc tcttaaagaa 1818
144 agcatcttgt atattaaaaa tcaaaagatg aggcctttctt acatatacat cttagttgat 1878
145 tatt 1882
147 <210> SEQ ID NO: 2
148 <211> LENGTH: 370
149 <212> TYPE: PRT
150 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 2
153 Met His Arg Leu Ile Phe Val Tyr Thr Leu Ile Cys Ala Asn Phe Cys
154 1 5 10 15
155 Ser Cys Arg Asp Thr Ser Ala Thr Pro Gln Ser Ala Ser Ile Lys Ala
156 20 25 30
157 Leu Arg Asn Ala Asn Leu Arg Arg Asp Glu Ser Asn His Leu Thr Asp
158 35 40 45
159 Leu Tyr Arg Arg Asp Glu Thr Ile Gln Val Lys Gly Asn Gly Tyr Val
160 50 55 60
161 Gln Ser Pro Arg Phe Pro Asn Ser Tyr Pro Arg Asn Leu Leu Leu Thr
162 65 70 75 80
163 Trp Arg Leu His Ser Gln Glu Asn Thr Arg Ile Gln Leu Val Phe Asp
164 85 90 95
165 Asn Gln Phe Gly Leu Glu Glu Ala Glu Asn Asp Ile Cys Arg Tyr Asp
166 100 105 110
167 Phe Val Glu Val Glu Asp Ile Ser Glu Thr Ser Thr Ile Ile Arg Gly
168 115 120 125
169 Arg Trp Cys Gly His Lys Glu Val Pro Pro Arg Ile Lys Ser Arg Thr
170 130 135 140
171 Asn Gln Ile Lys Ile Thr Phe Lys Ser Asp Asp Tyr Phe Val Ala Lys
172 145 150 155 160
173 Pro Gly Phe Lys Ile Tyr Tyr Ser Leu Leu Glu Asp Phe Gln Pro Ala
174 165 170 175
175 Ala Ala Ser Glu Thr Asn Trp Glu Ser Val Thr Ser Ser Ile Ser Gly
176 180 185 190
177 Val Ser Tyr Asn Ser Pro Ser Val Thr Asp Pro Thr Leu Ile Ala Asp
178 195 200 205
179 Ala Leu Asp Lys Lys Ile Ala Glu Phe Asp Thr Val Glu Asp Leu Leu

```

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Input Set : A:\99-19D1 SEQ.txt

Output Set: N:\CRF4\12272004\I876813A.raw

```

180      210      215      220
181 Lys Tyr Phe Asn Pro Glu Ser Trp Gln Glu Asp Leu Glu Asn Met Tyr
182 225      230      235      240
183 Leu Asp Thr Pro Arg Tyr Arg Gly Arg Ser Tyr His Asp Arg Lys Ser
184      245      250      255
185 Lys Val Asp Leu Asp Arg Leu Asn Asp Ala Lys Arg Tyr Ser Cys
186      260      265      270
187 Thr Pro Arg Asn Tyr Ser Val Asn Ile Arg Glu Glu Leu Lys Leu Ala
188      275      280      285
189 Asn Val Val Phe Phe Pro Arg Cys Leu Leu Val Gln Arg Cys Gly Gly
190      290      295      300
191 Asn Cys Gly Cys Gly Thr Val Asn Trp Arg Ser Cys Thr Cys Asn Ser
192 305      310      315      320
193 Gly Lys Thr Val Lys Lys Tyr His Glu Val Leu Gln Phe Glu Pro Gly
194      325      330      335
195 His Ile Lys Arg Arg Gly Arg Ala Lys Thr Met Ala Leu Val Asp Ile
196      340      345      350
197 Gln Leu Asp His His Glu Arg Cys Asp Cys Ile Cys Ser Ser Arg Pro
198      355      360      365
199 Pro Arg
200      370

```

202 <210> SEQ ID NO: 3

203 <211> LENGTH: 126

204 <212> TYPE: PRT

205 <213> ORGANISM: Artificial Sequence

207 <220> FEATURE:

208 <223> OTHER INFORMATION: polypeptide motif

W--> 210 <221> NAME/KEY: VARIANT

211 <222> LOCATION: (2)---(19)

212 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W--> 214 <221> VARIANT

215 <222> LOCATION: (20)---(34)

216 <223> OTHER INFORMATION: Xaa = Any Amino Acid or is not present

W--> 218 <221> VARIANT

219 <222> LOCATION: -(36)---(45)

220 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W--> 222 <221> VARIANT

223 <222> LOCATION: (46)---(72)

224 <223> OTHER INFORMATION: Xaa = Any Amino Acid or is not present

W--> 226 <221> VARIANT

227 <222> LOCATION: (74)---(93)

228 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W--> 230 <221> VARIANT

231 <222> LOCATION: (94)---(123)

232 <223> OTHER INFORMATION: Xaa = Any Amino Acid or is not present

W--> 234 <221> VARIANT

235 <222> LOCATION: (125)---(125)

236 <223> OTHER INFORMATION: Xaa = Any Amino Acid

W--> 238 <400> 3

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Input Set : A:\99-19D1 SEQ.txt

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```

W--> 239 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
240      1          5          10          15
241 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
242      20          25          30
243 Xaa Xaa Cys Xaa Gly Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
244      35          40          45
245 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
246      50          55          60
247 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
248      65          70          75          80
249 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
250      85          90          95
251 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
252      100         105         110
253 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys
254      115         120         125
256 <210> SEQ ID NO: 4
257 <211> LENGTH: 24
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: polypeptide motif
W--> 264 <221> NAME/KEY: VARIANT
265 <222> LOCATION: (2)-...-(2)
266 <223> OTHER INFORMATION: Xaa = Lys or Arg
W--> 268 <221> VARIANT
269 <222> LOCATION: (4)-...-(4)
270 <223> OTHER INFORMATION: Xaa = Asp, Asn or Glu
W--> 272 <221> VARIANT
273 <222> LOCATION: (5)-...-(5)
274 <223> OTHER INFORMATION: Xaa = Trp, Tyr or Phe
W--> 276 <221> VARIANT
277 <222> LOCATION: (6)...(16)
278 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 280 <221> VARIANT
281 <222> LOCATION: (17)-...-(20)
282 <223> OTHER INFORMATION: Xaa = Any Amino Acid or is not present
W--> 284 <221> VARIANT
285 <222> LOCATION: (22)...(22)
286 <223> OTHER INFORMATION: Xaa = Lys or Arg
W--> 288 <221> VARIANT
289 <222> LOCATION: (23)-...-(23)
290 <223> OTHER INFORMATION: Xaa = Trp, Tyr or Phe
W--> 292 <400> 4
W--> 293 Cys Xaa Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
294      1          5          10          15
295 Xaa Xaa Xaa Xaa Gly Xaa Xaa Cys
296      20
298 <210> SEQ ID NO: 5

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/27/2004
 PATENT APPLICATION: US/09/876,813A TIME: 12:20:59

Input Set : A:\99-19D1 SEQ.txt
 Output Set: N:\CRF4\12272004\I876813A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. ~~2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23~~
 Seq#:3; Xaa Pos. ~~24,25,26,27,28,29,30,31,32,33,34,36,38,40,41,42,43,44,45~~
 Seq#:3; Xaa Pos. ~~46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64~~
 Seq#:3; Xaa Pos. ~~65,66,67,68,69,70,71,72,74,75,76,77,78,79,80,81,82,83,84~~
 Seq#:3; Xaa Pos. ~~85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102~~
 Seq#:3; Xaa Pos. ~~103,104,105,106,107,108,109,110,111,112,113,114,115,116~~
 Seq#:3; Xaa Pos. ~~117,118,119,120,121,122,123,125~~
 Seq#:4; Xaa Pos. ~~2,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23~~
 Seq#:6; N Pos. 9,12,21,27,30,39,51,57,63,66,69,72,75,81,84,87,96,99,102,108
 Seq#:6; N Pos. 114,117,120,129,138,141,147,153,156,165,174,180,186,192,198
 Seq#:6; N Pos. 201,204,210,216,222,225,231,234,237,240,246,249,255,267,270
 Seq#:6; N Pos. 279,282,300,303,312,330,342,348,360,366,369,372,381,384,387
 Seq#:6; N Pos. 396,408,411,414,417,426,429,432,450,459,474,477,483,486,504
 Seq#:6; N Pos. 507,510,525,528,531,534,537,543,555,558,561,564,567,573,576
 Seq#:6; N Pos. 579,582,591,594,597,600,603,609,612,615,621,627,630,645,657
 Seq#:6; N Pos. 660,669,672,687,693,708,723,729,732,735,741,744,747,750,762
 Seq#:6; N Pos. 768,774,780,786,789,801,807,813,819,822,825,834,837,846,855
 Seq#:6; N Pos. 861,864,870,873,882,885,891,894,897,903,909,912,921,927,930
 Seq#:6; N Pos. 933,942,945,951,960,963,969,972,990,993,1005,1008,1020,1023
 Seq#:6; N Pos. 1026,1029,1032,1038,1044,1047,1050,1062,1077,1095,1098,1101
 Seq#:6; N Pos. 1104,1107,1110
 Seq#:7; N Pos. 3,9,12
 Seq#:8; N Pos. 3,9,12
 Seq#:9; N Pos. 6,9,15
 Seq#:10; N Pos. 9,12
 Seq#:11; N Pos. 1,3,6,9,10,12
 Seq#:12; N Pos. 6,8,9,12,15,17
 Seq#:13; N Pos. 9
 Seq#:14; N Pos. 4,5,6,7,9,15
 Seq#:15; N Pos. 3,9,11,12,13,14
 Seq#:16; N Pos. 6,9,12
 Seq#:17; N Pos. 5,6,9,12,15
 Seq#:18; N Pos. 3,6,9,12,13
 Seq#:19; N Pos. 1,13
 Seq#:20; N Pos. 1,13
 Seq#:21; N Pos. 2,8,11,14
 Seq#:22; N Pos. 2,8,11,14
 Seq#:23; N Pos. 2,5,8,11
 Seq#:24; N Pos. 2,5,8,11

VERIFICATION SUMMARY

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Input Set : A:\99-19D1 SEQ.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:210 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:214 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:218 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:222 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:234 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:238 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=3
L:264 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:268 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:272 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:280 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:288 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:292 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:318 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:322 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
M:341 Repeated in SeqNo=6
L:351 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:355 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:366 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:370 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:381 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:385 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:396 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:400 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:411 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:415 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:426 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:430 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:441 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:445 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:456 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

VERIFICATION SUMMARY

DATE: 12/27/2004

PATENT APPLICATION: US/09/876,813A

TIME: 12:20:59

Input Set : A:\99-19D1 SEQ.txt

Output Set: N:\CRF4\12272004\I876813A.raw

L:460 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:471 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:475 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:486 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:490 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:501 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:505 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:516 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:520 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:531 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:535 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:546 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:550 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:561 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:565 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21
L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:576 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:580 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:591 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:595 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:606 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:610 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0